

PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	101770, 918
				Filing Date	February 3, 2004
				First Named Inventor	Cudmore, Julian
				Art Unit	3672
				Examiner Name	Tsay
				Attorney Docket Number	102.0027
Sheet	1	of	3		

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Examiner Signature	<i>Fraser</i>	Date Considered	1/12/06
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

3

Complete if Known

Application Number

101770,918

Filing Date

February 3, 2004

First Named Inventor

Cudmore, Julian

Group Art Unit

3672

Examiner Name

Tsay

Attorney Docket Number

102.0027

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTSExaminer
InitialsCite
No.¹

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

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R. STINSON, "The Use of Systems Analysis in the Design of a Gas-Lift System", SPE 17584, November 1, 1988, 6 pp., Tianjin, China

W.J.G.J DER KINDEREN, et al., "Real-Time Artificial Lift Optimization", SPE 49463, October 11, 1998, 10 pp., Abu Dhabi, U.A.E.

Y.C. CHIA, et al., "Gas Lift Optimization Efforts and Challenges", SPE 57313, October 25, 1999, 9 pp., Kuala Lumpur, Malaysia

M.L. LITVAK, et al., "Prudhoe Bay E-Field Production Optimization System Based on Integrated Reservoir and Facility Simulation", SPE 77643, September 29, 2002, 11 pp., San Antonio, Texas, U.S.A.

P. WANG, et al., "Optimization of Production Operations in Petroleum Fields", SPE 77658, September 29, 2002, 12 pp., San Antonio, Texas, U.S.A.

A.L. PODIO, et al., "Advances in Surface Measurements for Optimization of Artificial Lift Operations", SPE 77895, October 8, 2002, 11 pp., Melbourne, Australia

D. REEVES, et al., "Gas Lift Automation: Real Time Data to Desktop for Optimizing an Offshore GOM Platform", SPE 84166, October 5, 2003, 13 pp., Denver, Colorado, U.S.A.

BIOCOMP SYSTEMS, INC., "IntelliDynamics Gas Lift", July 31, 2003, 2 pp. Optimization

EPRODUCTION SOLUTIONS, "Gas Lift Optimization Solution", January 30, 2004, 7 pp.

JPT ONLINE, "Gas Lift Automation: Real-Time Data to Desktop", November 2003, 4 pp.

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WINGLUE, "Gas-Lift Surveillance Program", no date, 2pp.

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Date

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1/12/16

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Sheet 3 of 3	Attorney Docket Number	102.0027	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
77		PROMORE, A CORE LABORATORIES COMPANY, "Gas Lift Remote Monitoring and Control System", no date, 1 p.	
5		A.R. ALMEIDA, et al., "Continuous gas lift performance analysis", World Oil, September 1998, 6 pp.	
77		A.A. HADY, "The Use of a Multiphase Flow Meter to Optimize Gas Lift Well Operations", International Business Communications, March 18, 1998, 7 pp.	
77		L. HESTER, "Advances in Automation Improve Gas Lift Oil Production", Emerson Process Management, February 27, 2003, 6 pp.	

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